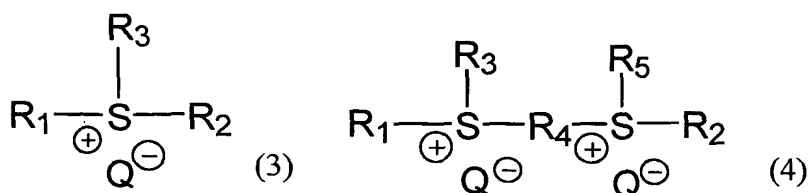
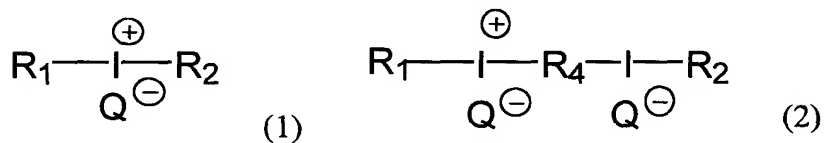


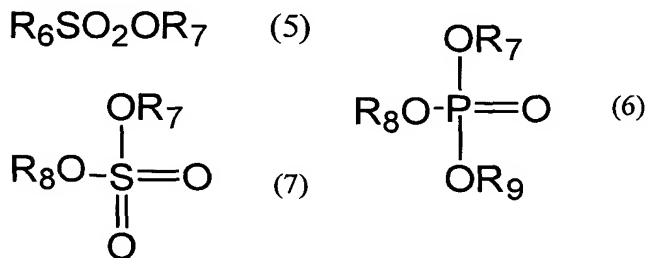
A) Amendments to the Claims:

1. (currently amended) A method for producing an onium salt derivative, characterized by comprising reacting an onium salt derivative which has a halide Q as an anion moiety and which is represented by any one of formulas (1) through (4):



wherein each of R₁, R₂, R₃, and R₅ represents an alkyl group, a cycloalkyl group, a perfluoroalkyl group, an aromatic organic group, an aralkyl group, or a phenacyl group, each of these groups having ≤25 carbon atoms and being optionally substituted; one or both of the pairs of R₁ and R₃, and R₂ and R₅ may together form a divalent organic group; R₄ represents a C≤20 divalent organic group; and Q represents a halide anion ~~or a C≤10 carboxylate anion,~~

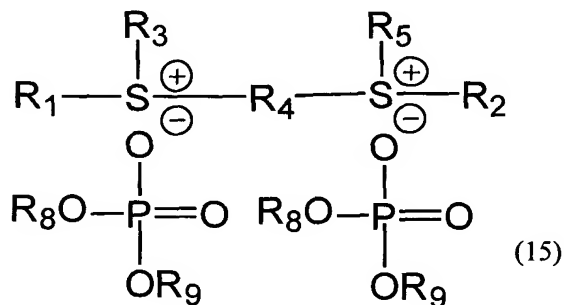
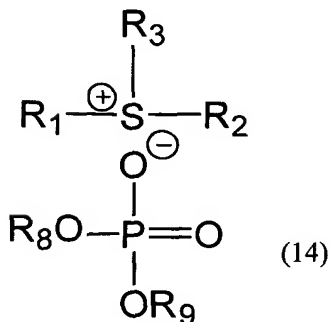
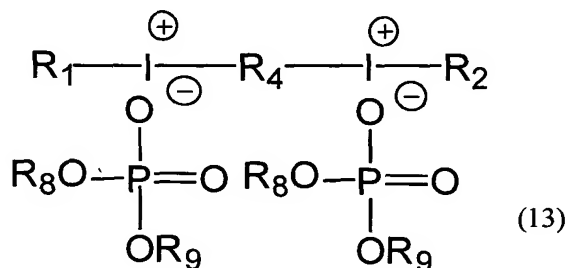
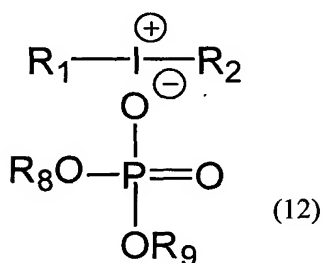
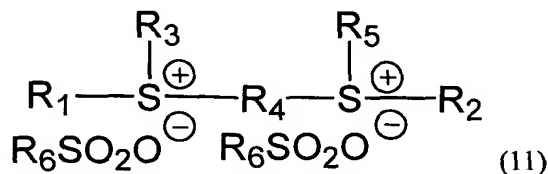
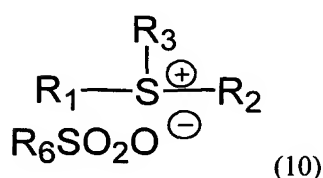
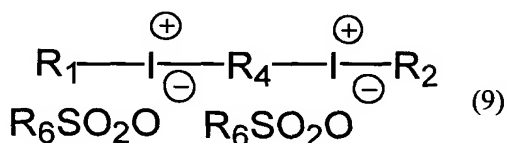
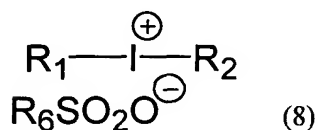
with an ester compound which has an alkyl group R₇ and which is represented by any one of formulas (5) through (7):

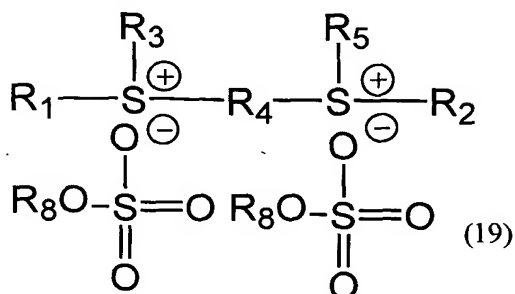
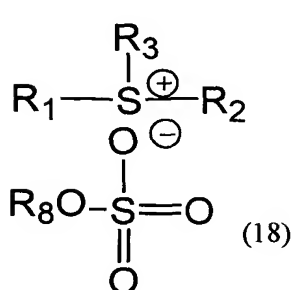
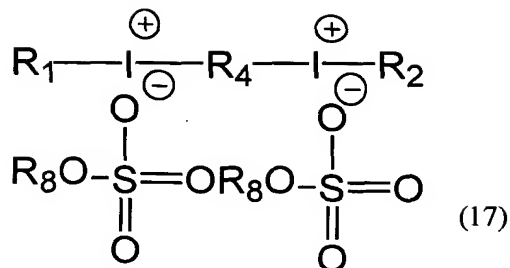
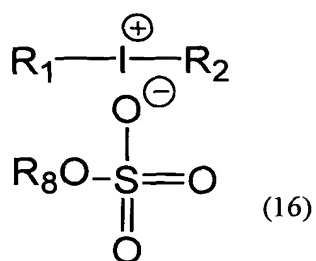


wherein R₆ represents an alkyl group, a cycloalkyl group, a perfluoroalkyl group, an aromatic organic group, or an aralkyl group, each of these groups having ≤25 carbon atoms and being optionally substituted; R₇ represents an alkyl group, ~~a cycloalkyl group, a perfluoroalkyl group, or an aralkyl group, each of these groups having ≤~~10 carbon atoms and being optionally substituted; and each of R₈ and R₉ represents an alkyl group, a cycloalkyl group, a

perfluoroalkyl group, or an aralkyl group, each of these groups having ≤ 10 carbon atoms and being optionally substituted,

to thereby yield form R_7Q through nucleophilic attack by the halide Q on the alkyl group R7 of the ester compound, and to also produce an onium salt derivative which is formed of an anion represented by an one of $R_6SO_2O^-$, $PO_4R_8R_9^-$, and $R_8SO_4^-$ derived from the ester compound and an onium cation derived from the onium salt, an onium salt derivative represented by one of formulas (8) through (19).





2. (cancelled)

3. (original) A method for producing an onium salt derivative according to claim 1, wherein reaction is carried out while removing generated R₇Q from the reaction system.

4. (currently amended) A method for producing an onium salt derivative according to claim 1 or 3, wherein the reaction is carried out in a solvent.

5. (cancelled)

6. (cancelled)

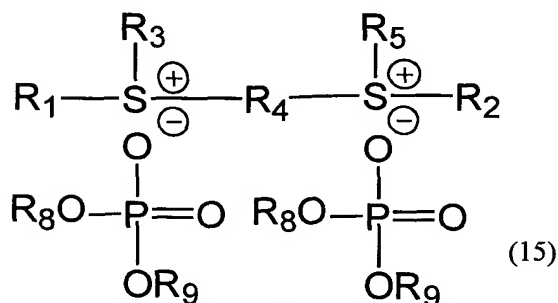
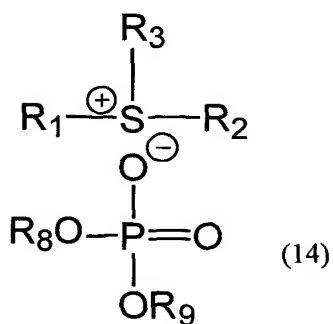
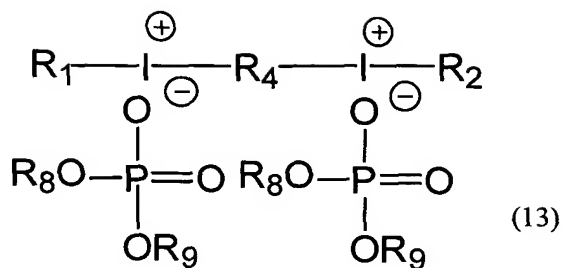
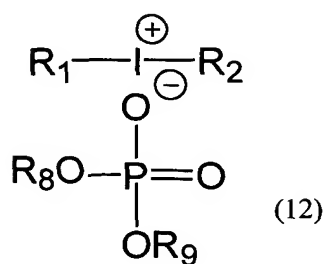
7. (cancelled)

8. (cancelled)

9. (cancelled)

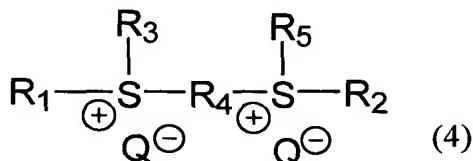
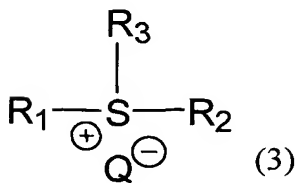
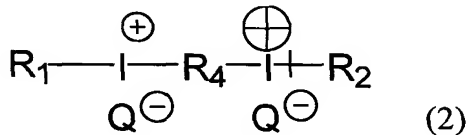
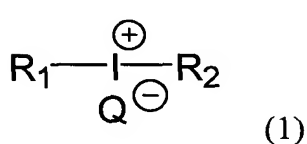
10. (cancelled)

11. (currently amended) ~~A novel~~ An onium compound which has a phosphate derivative as an anion moiety and which is represented by any one of formulas (12) through (15):



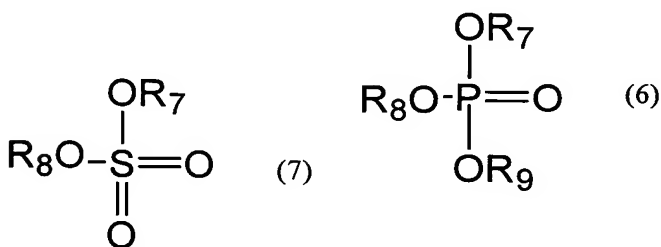
wherein each of R_1 , R_2 , R_3 , and R_5 represents an alkyl group, a cycloalkyl group, a perfluoroalkyl group, an aromatic organic group, an aralkyl group, or a phenacyl group, each of these groups having ≤ 25 carbon atoms and being optionally substituted; one or both of the pairs of R_1 and R_3 , and R_2 and R_5 may together form a divalent organic group; R_4 represents a $\text{C} \leq 20$ divalent organic group; and each of R_8 and R_9 represents an alkyl group, a cycloalkyl group, a perfluoroalkyl group, or an aralkyl group, each of these groups having ≤ 10 carbon atoms and being optionally substituted.

12. (new) A method for producing an onium salt derivative, characterized by comprising reacting an onium salt which has a halide Q as an anion moiety and which is represented by any one of the following formulas (1) through (4):



wherein each of R_1 , R_2 , R_3 , and R_5 represents an alkyl group, a cycloalkyl group, a perfluoroalkyl group, an aromatic organic group, an aralkyl group, or a phenacyl group, each of these groups having ≤ 25 carbon atoms and being optionally substituted; one or both of the pairs of R_1 and R_3 , and R_2 and R_5 may together form a divalent organic group; R_4 represents a $C \leq 20$ divalent organic group; and Q represents a halide anion or a $C \leq 10$ carboxylate anion,

with an ester compound which has an alkyl group R_7 and which is represented by any one of formulas (6) or (7):



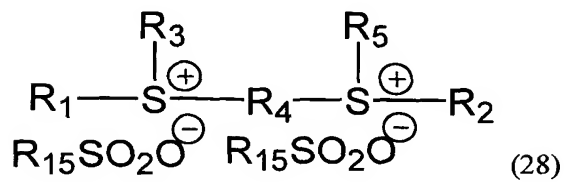
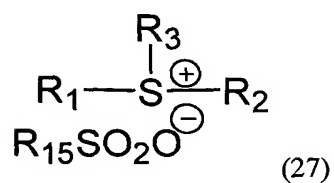
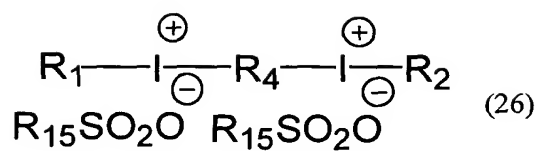
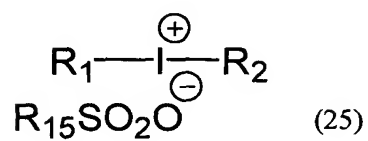
wherein R_7 represents an alkyl group, having ≤ 5 carbon atoms and being optionally substituted; and each of R_8 , and R_9 represents an alkyl group, a cycloalkyl group, a perfluoroalkyl group, or an aralkyl group, each of these groups having ≤ 10 carbon atoms and being optionally substituted;

to thereby form R_7Q through nucleophilic attack by the halide Q on the alkyl group R_7 of the ester compound, and to also produce an onium salt derivative which is formed of an anion represented by an one of $R_6\text{SO}_2\text{O}^-$, $\text{PO}_4\text{R}_8\text{R}_9^-$, and R_8SO_4^- derived from the ester compound and an onium cation derived from the onium salt, an onium salt derivative and with a sulfonic acid derivative represented by formula (24):



wherein R_{15} represents an alkyl group, a cycloalkyl group, a perfluoroalkyl group, an aromatic organic group, or an aralkyl group, each of these groups having ≤ 25 carbon atoms and being optionally substituted; and Y represents a hydrogen atom, an alkali metal, or ammonium,

to thereby cause salt exchange and yield an onium salt derivative represented by one of formulas (25) through (28).



13. (new) A method for producing an onium salt derivative according to claim 12, wherein each of R₇, R₈ and R₉ is a methyl group or an ethyl group.